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0614

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ENTERED

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/020,540A

DATE: 06/14/2002  
 TIME: 15:19:58

Input Set : A:\0173.210us-SEQUENCE LISTING.txt  
 Output Set: N:\CRF3\06142002\J020540A.raw

4 <110> APPLICANT: Wu, Gusui  
 5       McBryde, Kevin  
 7 <120> TITLE OF INVENTION: Strawberry Vein Banding Virus Promoter  
 8       (SVBV) Promoter.  
 10 <130> FILE REFERENCE: 0173.210us  
 12 <140> CURRENT APPLICATION NUMBER: 10/020,540A  
 13 <141> CURRENT FILING DATE: 2001-10-30  
 15 <150> PRIOR APPLICATION NUMBER: 60/245,354  
 16 <151> PRIOR FILING DATE: 2000-11-01  
 18 <160> NUMBER OF SEQ ID NOS: 10  
 20 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 22 <210> SEQ ID NO: 1  
 23 <211> LENGTH: 476  
 24 <212> TYPE: DNA  
 25 <213> ORGANISM: Strawberry Vein Banding Virus (SVBV) Strain E3  
 27 <400> SEQUENCE: 1  
 28 aactatgctg atgacaagat aattctaata agcaattatt cagaattaat caaggagaaa 60  
 29 gaattaataa ctcttcaga atatgaagcc cgcttacaa gtggccagct agctatcact 120  
 30 gaaaagacag caagacaatg gtgtctcgat gcaccagaac cacatcttt cagcagatgt 180  
 31 gaagcagcca gagtggtcca caagacgcac tcagaaaaagg catcttctac cgacacagaa 240  
 32 aaagacaacc acagctcatc atccaacatgt tagactgtcg ttatgcgtcg gctgaagata 300  
 33 agactgaccc caggccagca ctaaagaaga aataatgcaa gtggctctag ctccacttta 360  
 34 gcttaataaa ttatgttca ttattattct ctgctttgc tctctatata aagagcttgt 420  
 35 atttcattt gaaggcagag gcaacacac acacagaacc tccctgctta caaacc 476  
 37 <210> SEQ ID NO: 2  
 38 <211> LENGTH: 518  
 39 <212> TYPE: DNA  
 40 <213> ORGANISM: Strawberry Vein Banding Virus (SVBV) Strain E3  
 42 <400> SEQUENCE: 2  
 43 ggatccccca gcttaactat gctgatgaca agataattct aataagcaat tattcagaat 60  
 44 taatcaagga gaaagaatta ataactctt cagaatatga agcccgctt acaagtggcc 120  
 45 agctagctat cactaaaaag acagcaagac aatgggtctt cgatgcacca gaaccacatc 180  
 46 ttgcagcag atgtgaagca gccagagtgg tccacaagac gcactcagaa aaggcatctt 240  
 47 ctaccgacac agaaaaagac aaccacagct catcatccaa catgttagact gtcgttatgc 300  
 48 gtcggctgaa gataagactg accccaggcc agcactaaag aagaaataat gcaagtggtc 360  
 49 ctagctccac ttttagctta ataattatgt ttcatattta ttctctgtt ttgctctcta 420  
 50 tataaagagc ttgtatttc atttgaaggc agaggcgAAC acacacacag aacccctctg 480  
 51 cttacaaacc ggatcggct gcaggtctct aaccatgg 518  
 53 <210> SEQ ID NO: 3  
 54 <211> LENGTH: 651  
 55 <212> TYPE: DNA  
 56 <213> ORGANISM: Strawberry Vein Banding Virus (SVBV) Strain E3  
 58 <400> SEQUENCE: 3

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59 ggatccgctt tacaagtggc cacctagcta tcactaaaaa gacagcaaga caatgggtgc 60
60 tcgatgcacc agaaccacat ctttcagca gatgtgaagc agccagagtg gtccacaaga 120
61 cgcactcaga aaaggcatct ttaccgaca cagaaaaaga caaccacagc tcatacatcca 180
62 acatgttagac tgtcggttatg cgtagctga agataagact gacccaggc cagcactaaa 240
63 gaagaaataa tgcaagtggt cctagctcca ctttagcgt agctatcaact gaaaagacag 300
64 caagacaatg gtgtctcgat gcaccagaac cacatcttg cagcagatgt gaagcagcca 360
65 gagttgtcca caagacgcac tcagaaaagg catctctac cgacacagaa aaagacaacc 420
66 acagctcatc atccaaatcg tagactgtcg ttatgcgtcg gctgaagata agactgaccc 480
67 caggccagca ctaaagaaga aataatgcaa gtggctctag ctccacttta gctttaataa 540
68 ttatgttca ttattattct ctgctttgc tctctatata aagagcttgt attttcattt 600
69 gaaggcagag gcgaacacac acacagaacc tccctgctta caaacggat c 651
71 <210> SEQ ID NO: 4
72 <211> LENGTH: 701
73 <212> TYPE: DNA
74 <213> ORGANISM: Strawberry Vein Banding Virus (SVBV) Strain E3
76 <400> SEQUENCE: 4
77 gatccgcttt acaagtggcc acctagctat cactaaaaag acagcaagac aatgggtct 60
78 ccatgcacca gaaccacatc ttgcagcaat atgtgaagca gccagagtgg tccacaagac 120
79 gcactcagaa aaggcatctt ctaccgacac agaaaaagac aaccacagct catcatccaa 180
80 catgttagact gtcgttatgc gtcggctgaa gataagactg accccaggcc agcactaaag 240
81 aagaaataat gcaagtggtc cttagctccac tttagcttta ataattatgt ttcatatttta 300
82 ttctctgttt ttgctctcgc tagctatcac tgaaaagaca gcaagacaat ggtgtctcg 360
83 tgcaccagaa ccacatctt gcagcagatg tgaagcagcc agagtggtcc acaagacgca 420
84 ctcagaaaag gcatcttcta ccgacacaga aaaagacaac cacagctcat catccaacat 480
85 gtagactgtc gttatgcgtc ggctgaagat aagactgacc ccaggccagc actaaagaag 540
86 aaataatgca agtggctcta gtcacttta agcttaata attatgtttc attattattt 600
87 tctgcttttgc ctctctatataa aagagcttg tattttcatt tgaaggcaga ggcgaacaca 660
88 cacacagaac ctccctgctt acaaaccgga tcgggctgca g 701
90 <210> SEQ ID NO: 5
91 <211> LENGTH: 35
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Primer
98 <400> SEQUENCE: 5
99 cacacggatc cagaagacca aaggcaattt gagac 35
101 <210> SEQ ID NO: 6
102 <211> LENGTH: 64
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Primer
109 <400> SEQUENCE: 6
110 acaaactgca gagagagact ggtgatttca gctgttcctc tccaaatgaa atgaacttcc 60
111 ttat 64
113 <210> SEQ ID NO: 7
114 <211> LENGTH: 35
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence

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118 <220> FEATURE:  
119 <223> OTHER INFORMATION: Primer  
121 <400> SEQUENCE: 7  
122 acacaggatc cgctgttgg ctagagcagc ttgcc 35  
124 <210> SEQ ID NO: 8  
125 <211> LENGTH: 40  
126 <212> TYPE: DNA  
127 <213> ORGANISM: Artificial Sequence  
129 <220> FEATURE:  
130 <223> OTHER INFORMATION: Primer  
132 <400> SEQUENCE: 8 40  
133 tctctccatg gagagataga tttgttagaga gagactggtg  
135 <210> SEQ ID NO: 9  
136 <211> LENGTH: 22  
137 <212> TYPE: DNA  
138 <213> ORGANISM: Artificial Sequence  
140 <220> FEATURE:  
141 <223> OTHER INFORMATION: Primer  
143 <400> SEQUENCE: 9 22  
144 caaagaagaa gcttaactat gc  
146 <210> SEQ ID NO: 10  
147 <211> LENGTH: 28  
148 <212> TYPE: DNA  
149 <213> ORGANISM: Artificial Sequence  
151 <220> FEATURE:  
152 <223> OTHER INFORMATION: Primer  
154 <400> SEQUENCE: 10  
155 tgcggatcc ggttttaag cagggagg 28

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/020,540A

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TIME: 15:19:59

Input Set : A:\0173.210us-SEQUENCE LISTING.txt

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